

Abstract

The invention relates to a method for displacing acid gas constituents from natural gas to acid gas removal installations equipped with Claus installations with free capacities.

5 To this end: a portion of the acid gas is removed from a first flow of natural gas containing acid gas; the acid gas removed from the first flow of natural gas is fed to at least one other acid gas removal installation, whereby this feeding results in the acid gas removed from the first flow of natural gas being mixed with at least one second flow of natural gas with which it is transported to at least one other acid gas removal
10 installation. The removal of the acid gas contained in the first flow of natural gas is preferably carried out by means of an absorption method during which the portion of the acid gas to be removed is washed out from the first flow of natural gas by means of a regenerated non-chemically acting absorbing medium. The loaded absorbing medium is subsequently heated, and the heated absorbing medium is fed to the top of a
15 desorption column. An at least partially-purified flow of natural gas serving as stripping gas is fed to the bottom of this desorption column, and the stripping gas, together with the desorbed acid gas, is admixed to a second flow of natural gas.

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